

MOMENTUM FN 75 Heat Insulation Plaster

Product description

Modified polymer based, expanded perlite bead granule filled, supported by special contributions, special ,exterior and interior thermal insulation plaster.

Scope of application

Concrete, reinforced concrete, brick, pumice, aerated concrete, gypsum board, betopan, OSB, restoration of old buildings and works, interior and exterior insulation of buildings.

Benefits

- Class A1 Fireproof
- High Thermal Insulation Value
- Sound Dampening
- Water Mix Only
- Easy Application
- Environmentally Friendly
- It is composed of inorganic and natural material

Surface preparation

- The surfaces to be applied must be dry and clean. If the application surfaces are damaged, they must be removed before plastering.
- If the application surface is old and painted; surface notched and swollen all parts should be removed from the ground. Adhesion enhancer, Gross concrete primer should be applied to the surface after cleaning and repair (MOMENTUM CORSE PRIMER-0,250 / m² 2 layer)
- If the surface to be applied is old and black plaster; If the floor is swollen by checking, or if there is an under plaster space, after removing these, adherence enhancing concrete primer should be applied (MOMENTUM CORSE PRIMER-0,250 / m² 2 layers)
- If the surface to be applied is gross concrete; adherence enhancer must be applied to the surface (MOMENTUM CORSE PRIMER-0,250 / m² 2 coats) and then a cement-based adhesive is applied in the form of a thin layer and heat insulation plaster should be applied.

NOTE: if the application area is very large on the concrete and gross concrete surfaces, the use of the net is eliminated.

Note:columns and beams ; before application surface should be plastered by quality adhesive(cement based)

Note:The surface should be washed with pressurized water before application

Preparation of plaster

One bag of FN75 is poured into the container where the mixture will be made and 10-11 liters of water is added and mixed with the mixer for 6-8 minutes.(note:in summer need more water). It is recommended that we mix all the bags at the same time before the mixtures are prepared. The prepared mixture should be used within 2 hours. Prepared mixtures are applied to the surface with a trowel or machine.

NOTE: If there is a wait, the material should be used after mixing well.

NOTE:Recommended to apply two layer.

Application temperature

Momentum FN75 uygulama in the application environment temperature +5 °C ,+35°C.

NOTE: if the temperature is more than 35 degrees, the surface to be treated should be diluted and after the first application, two applications should be done after the surface has been diluted.

Application

The wall surfaces to be applied should be cleaned and if there are defects on the surfaces, these defects should be removed. Anos are mounted at regular intervals on the building surface. The previously prepared material is filled with steel trowel or plastering machine between the anodes. Then, the plaster is taken to the anolar condition by correcting the plaster with excess gauge. With a steel trowel, the surface is given a decorative texture or a smooth appearance. Approximately 48 hours after the application, if desired, paint Works.

NOTE: if the application area is very large on the concrete and gross concrete surfaces, the use of the net is eliminated.
Note:columns , beams , window and door edges and columns ; before appication surface should ve plastered by quality adhesive(cement based) with plaster mesh (use mesh its important shaking and building shaking , over time, there is a slippage of buildings to the ground)

Note:The surface should be washed with pressurized water before application

NOTE:Protect against external influences (use decorative plaster and paint(high quality))

Note:The material will be protection by decoratif plaster and silicone paint(elasticote wp) or elastomeric waterproofing coat(hitech elast).

Note:Surface make smoot , will be painted elasticote wp(waterprofiging paint)

Note:In new buildings,there may be some ground settlement related to the ground stracture i which may cause fine cracks at the joint, fort his we recommend applying mesh to the joints and application columns and beams shoul be with mesh.

Material consumption

4,0-5,0 kg on 1 m2 surface for 1 cm thickness.

Storage conditions

+5 ° C and above in dry environment without contact with water.

Packaging

15 kg kraft paper bags.

Shelf life

12 months in dry and rubless language.

TECHNICAL SPECIFICATIONS	
EN 998-1 (T,A1,CSII,FP:B,W1,T1)	
Appearance: White	
Dry Density: $400 \pm 150 \text{ kg/m}^3$	EN 1015-10
Thermal Conductivity: T1 , $<0.10 \text{ W/mK}$	EN 1745
Compressive Strength: CSII $\geq 1,5 \text{ N/mm}^2$ (1,80-2,00)	EN 1015-11
Bond Strength: $> 0,30 \text{ N/mm}^2$	EN 1015-12
Water Absorption: W1 $\leq 0,60 \text{ kg/ m}^2 \text{ min } 0.5$	EN 1015-18
Vapor Diffusion: $\leq 15\mu$ (5-6)	EN 1015-19
Fire Resistance: CLASS A1; FIREPROOF	EN 13501-1+A1
Atmospheric Ambient Strength: Resistant	
Readiness Time to Paint: 48 Hours at appropriate ambient	
Application Temperature Range: $(+5^\circ\text{C}) - (+35^\circ\text{C})$	
Pot Life: 1-2 hour	
Dry Time: First dry 12 hour , last dry 48 hour , test dry 28 day Note: Application between coats 12 hours	
Mixing Ratio: 10-11 lt water / 15 kg powder	
Application Type: Manually or with Machine	
Stroke Time:12 month (at appropriate ambient)	
Consumption : (for 1 cm Thickness) : 4,00-5,00kg / m ²	

HEALTH AND SAFETY INFORMATION

Refer to the instructions specified in the harmfulness and precautionary statements on the product packaging. Product of the safety data sheet should be treated by the rules. Refer to the nearest health facility for unexpected health problems.

LEGAL NOTES

All the information and guidelines given in this technical sheet was formed and developed through the experience in the laboratories of Momentum, and was systematically collected by our field engineers. "Momentum" has the right to make changes in the product where necessary, without notice. The information given above is valid for the product from the date of publication. It is the user's responsibility to verify the accuracy of the information. The product should be used based on the technical information form for there commended purpose. It is the responsibility of the users to implement all measures for the fulfilment of the specified requirements. The data in the technical information form is designed to give descriptions of the product performance, under specific test conditions. An important factor in product performance is the variables that may occur in the initial process which should be used as a general guide to the user. Any unauthorised use of this product not covered in the written guidelines, Momentum will not be held legally responsible. It is always the responsibility of the user to take all necessary precautions regarding specific requirements of the law set out in local and national legislation. Follow the rules of the safety information provided in the Safety Data Sheet regarding operating procedure of the product, protective equipment, storage, fire and first aid etc. Conditions regarding the use of this product after its end date has nowarranty. We can not accept responsibility for products past their expiry date. Responsibility can not be accepted. Please contact the Technical Service department for more detailed information about